PROJECTED WORKS, &c.—Advertisements have been issued, through the past week's newspapers, for contract tenders for the erection of new buildings at the Hackney Union Workhouse; the various works to be done in rebuilding Ince Hall, near Chester; the repair of about 50 miles of the Bromyard roads, in 8 districts; the supply of about 2,800 tons of broken granite at Leicester; of 5,000 tons of malleable iron rails, 1,800 tons of cast iron chairs, 120 tons of spikes, and 77,000 Memel or larch sleepers, for the Leeds and Thirsk Railway; and 750 tons of iron rails, for the Taw Vale Railway and Dock Company; also for the whole works, in separate tenders, of about 6 miles of the Bristol and Exeter; a portion of the Sheffield and Goole, &c., near Barnsley; 8 miles of the Birmingham and Stour Valley; 6¼ miles of the Ambergate and Boston, &c.; 5 miles (the remainder), of the Edinburgh and Northern; and 11 miles of the North British, at Dunse, Tranent, and Cockenzie; also for 125 tons of spermaceti and other oils for light-houses at Dublin, &c.

KAMPTULICON.—We understand that the Kamptulite Pavement is ordered to be laid down for the carriage drives at Buckingham Palace and Osborne House. The walls of the riding house at Windsor Castle are also to be lined about 6½ feet from the ground, with the Kamptulicon Planking, as a protection from injury in case of accidents. This material would seem to be applicable for many useful purposes. It is composed of cork and India-rubber.

THREATENED REMOVAL OF WESTMINSTER BRIDGE.—We need scarcely say, that we have heard the announcement, that the bill for the removal of Westminster Bridge *will not be proceeded with*, with great satisfaction. The secret history of this extraordinary proposal would be amusing if not instructive.

A TRIFLING DIFFERENCE OF OPINION.—Three tenders were delivered the other day for rebuilding parts of two houses in Clare-court, Drury-lane. The highest, Chesterman, was 318*l.*; the second, Dean, 235*l.*; and the third, Hooper, 138*l.*

THE WELLINGTON STATUE.—Now that Parliament have met, it is to be hoped that the western entrance to London will no longer be disfigured, but that the statue will be immediately taken away, and that the architect of the arch will be commissioned to make that structure complete, in accordance with the original design.

NATIONAL GALLERY.—We learn with much regret, that Mr. Eastlake, R.A., has resigned his appointment in the National Gallery.

TO CORRESPONDENTS.

"*N. M.*"—If the "fire bricks" be carefully set in cement, on a sound foundation, the floor will be less penetrable by moisture than if pointed with lime. A sound foundation, however, is of the greatest consequence. If asphalte be procurable for setting the bricks, we should recommend it. A thin bed of concrete with a layer of broken glass in it, to keep back the rats, would make the whole perfect.

"*Naves of Wheels.*"—Although somewhat out of our path, we have, in consideration of the position of the inquirer, taken some pains to ascertain if cracks in wheel naves can with *certainty* be prevented; and we find, in the opinion of those best informed, that they cannot.

"*G. G.*" Portsmouth.—Write to the Secretary, Great George-street, Westminster. The Number is out of print.

"*G. B. J.*"—We formerly published lists of prices of materials regularly, but found reasons for discontinuing them. The other suggestion shall be considered. We shall be happy to see the lithograph.

"*Subscriber.*" Bedford.—To prescribe for a smoky chimney without seeing it would be useless: take a good pinion on the spot.

"*Rex.*"—The houses cannot be built as shewn on the plan sent.

"*A Measurer.*"—Next week.

"*E. W. F.*"—We avoid giving recommendations.

"*Gemma.*"—Write to Secretary of Society of Arts, Adelphi, and he will return full particulars.—"Orders" may be drawn in name of the publisher, Mr. Charles Wyman.

Received.—"Philocosme," "A friend to fair and impartial competition," "W. H." Maningtree, "Mr. P." (Pimlico), "E. C. S. B.," "Lithographed View of the Priestwood Church, Bucks: with Schools and Parsonage House," by Mr. E. B. Lamb, Architect; "Report on Cordes and Locke's Condensing Rotary Steam Engine," by Mr. Josiah Parkes, C.E.; "Punctuation reduced to a System," by William Day. Oliver: Pall Mall; "Railways for the Many, and not for the Few; Second Edition, with some Remarks on Building Societies;" by James Ward, Esq. Smith and Elder: Cornhill; Prospectus of the "Amateur Musical Society," Mr. Henry Leslie, Honorary Secretary. The object of this society, is the formation of a full orchestra, to meet weekly during February, March, and April, for the performance of classical composition. With Prince Albert, the Duke of Cambridge, the Earl of Westmoreland, &c., among the members; the Earl of Falmouth one of the violins; Lord Arundell, the trumpet; the Hon. George Cadogan, the bassoon; Lord Fitzgerald and the Marquis of Kildare, among the violoncelli; and the Duke of Leinster and Sir Alexander Macdonald, two of the bassi,—this may justly be called, *the* "Amateur Musical Society," and be placed among the "events" of the day.

"*Books and Addresses.*"—We have not time to point out books or find addresses.

*** Correspondents are requested to address all Communications to the EDITOR, 2, York-street, Covent-garden.

TO PROVINCIAL READERS.—In reply to complaints of the irregular delivery of THE BUILDER in provincial towns, we beg leave to state that it is invariably published by seven o'clock on Friday morning; and that the irregularity complained of rests entirely with the parties through whom it is obtained.

NOTICE.—CHEMISTRY AS APPLIED TO CONSTRUCTION.—The Builder of next week will contain the first of a series of papers on this important subject, by Professor Griffiths, of St. Bartholomew's Hospital.

MEETINGS OF SCIENTIFIC BODIES

During the ensuing Week.

MONDAY, Jan. 15th.—Royal Institute of British Architects, 16, Grosvenor-square, 8 P.M.

WEDNESDAY, 17th.—Society of Arts, Adelphi, 8 P.M.

THURSDAY, 21st.—Royal Society, Somerset House, 8½ P.M.; Society of Antiquaries, Somerset House, 8 P.M.

ADVERTISEMENTS.

TO BUILDERS, DECORATORS, PAINTERS, &c.

DEPOT of FRENCH Paper-Hangings.—M. JULES RIOTTOT begs to inform the Trade that he has opened a Depot in London for the sale of FRENCH PAPER-HANGINGS, from his Manufactory at Paris, and will feel obliged by the inspection of the stock now on hand. The patterns will be found most suitable for this market, and the prices very moderate. S. BARLOW, Agent, 71, Great Russell-street, Bloomsbury.

MORTGAGE AND ANNUITY OFFICE, No. 123, CHANCERY-LANE.

PERSONS requiring LOANS by way of MORTGAGE, or otherwise, upon any available security, may at all times procure an advance to the extent of from £100 to £10,000, or as much as the property will bear, by applying to Mr. BRAY, surveyor, at the offices as above.

N.B To expedite the procuration, personal application at the office would in all cases be better, the party bringing with them the abstract of title, plans, &c.

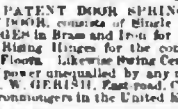
TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. FOWLER, 63, Dorset-street, Fleet-street.

TO ARCHITECTS AND BUILDERS.

DOOR SPRINGS AND HINGES.—GERISH'S PATENT DOOR SPRINGS, for CLOSING every description of DOOR, consists of Single and DOUBLE-ACTION BUTT HINGES in Brass and Iron for Doors to open one or both ways, and Rising Hinges for the convenience of Doors opening on uneven Floors. Likewise Swing Centres, which consist of a combination of power unequalled by any made at present.—Manufactured by F. W. GERISH, East-road, City-road; and sold by all respectable Ironmongers in the United Kingdom.



TO ENGINEERS AND BOILER MAKERS.
LAP-WELDED IRON TUBES FOR STEAM BOILERS.

THE BIRMINGHAM PATENT IRON TUBE COMPANY, 42, Cambridge-street, Birmingham, and Smethwick, Staffordshire, manufacture Tubes under an exclusive License from Mr. Richard Fraser, the Patentee. These Tubes are now very extensively used in the Boilers of Marine and Locomotive Steam Engines in England and on the Continent, are stronger, lighter, cheaper, and more durable than Brass or Copper Tubes, and warranted not to open in the Weld. They may be fixed in the Boilers without Ferules, and can be taken out and refixed without additional trouble or expense.—Address, 42, Cambridge-street, Crescent, Birmingham; London Warehouse, 68, Upper Thames street.

JOSEPH FENN, 105, Newgate Street, London, Manufacturer of Turning Lathes, Flatting Mills, Stocks and Dies, Circular and other Saws, Files, Tools, and Materials for Engineers, Millwrights, Die Sinkers, Coach Makers, Lock-smiths, Lamp Makers, Pianoforte Makers, Plumbers, Wood and Metal Turners, Gun Makers, Engravers, Print-cutters, Watch and Clock Makers, Lapidaries, Jewellers, Gold and Silversmiths, Saddlers, Curriers, Dentists, Philosophical and Mathematical Instrument Makers, Carpenters, &c.

Amateur Mechanics and others can be supplied with every description of Mechanical Apparatus, viz.:—Wheels and Pinions, Racks, &c. &c. Sets of Mining Tools, Sets of Tools and prepared Wood for Wood Engraving. TOOL CHESTS FITTED UP COMPLETE. Cutlery of the finest quality. Horticultural Tools, Ironmongery of every description. Brass, copper, steel, zinc, &c., in sheet, bar, and wire. Wholesale, Retail, and for Exportation. Railways supplied on the best terms.

LEADBEATER, many years manufacturer for Chubb, of St. Paul's Churchyard.—PERFECT SECURITY is afforded to PROPERTY of every description by LEADBEATER'S strong Wrought-Iron Chemical-compound-filled FIRE-PROOF SAFES, CHESTS, and BOXES. Doors for Strong Rooms and Party Walls, &c. all secured by his Improved Detector Locks, throwing from 3 to 20 bolts, which defy the skill of the most experienced burglars. A large Assortment of Fireproof Safes, &c. on Sale. Made to order at the shortest notice, at prices 25 per cent. under any other house in London, at his Manufactory, 183, Aldersgate-street.

A large FIRE-PROOF REPOSITORY, well adapted for Solicitors, to be SOLD a BARGAIN.

Improved Detector Locks and Latches, affording PERFECT SECURITY, for Street and other Doors.

BRICKS and MONEY.—About 300 feet of FRONTAGE TO LET at 2s. per foot, for Building either third or full-sized fourth-rate houses of the value of £200 per year, very pleasantly and respectably situated in Sommerford-grove, Stoke Newington-road, within a few minutes' walk of Hackney Downs. Omnibuses passing every ten minutes. Bricks are on the premises, which, with money, will be advanced to respectable builders giving good references.—Apply, on the premises, to Mr. OWYNN, or at No. 2, Claremont-terrace, Stoke Newington-road.

DEANE'S TWO-HOLE BLACK PENS, which are unequalled for their durability and easy action, are adopted by the gentlemen of the Stock Exchange, and the principal bankers, merchants, and public companies of the city of London, besides several of her Majesty's judges, the most eminent counsel and the reverend the clergy. Their cheapness and popularity have induced many unprincipled people to put forth imitations of the genuine article, which are equally useless to the purchaser, and disgraceful to the vender. The public are therefore cautioned, and respectfully requested not to purchase any of DEANE'S GENUINE TWO HOLE BLACK PENS, unless each pen is stamped "D. and J. Deane, London-bridge," and the box, which contains exactly twelve dozen, has thereon a variously coloured label, inscribed,

"D. and J. DEANE'S 2 Hole Black Pens, 46, King William-street, London-bridge."

JENNINGS'S SHUTTER FASTENER. Shop Fronts are more damaged and disfigured by the Shutter Bar than from any other cause. Bars are a trouble to put up and take down, and troublesome when down. JENNINGS'S REGISTERED SHOP SHUTTER FASTENER supersedes the destructive Bar, and answers the purpose also of a shutter shoe. The shoe and fasteners being made of brass, afford greater protection to the corner of the shutter, and leave no rusty deposit on the sill-board in damp weather. Hundreds of shops have been secured by the inventor, and testimonials of their ease and efficiency may be obtained from the occupiers. A front, containing eight shutters, secured for 24s., or a new front shod and secured for 40s. A liberal discount allowed to Builders, Ironmongers, and Painters, who introduce it to the notice of persons whose shops they decorate.—To be had of the Inventor, 29, Great Charlotte-street, Blackfriars-road, or of any respectable ironmonger.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS.
Manufactory, 98, Regent-street, and 121, Chancery-lane.

THE Patentee having fixed a great number of his shutters in London, and given universal satisfaction, can confidently recommend them both for security and durability, the edges being sheathed with Iron. Their construction is so simple that the largest establishment can be opened or closed with the greatest possible ease without the use of machinery. Their superiority over other revolving shutters consists in their great strength and stiffness, being without metal hinges, consequently cannot rust, break, or get out of repair, and work quiet and easy. Persons dissatisfied with the patent rising gear now used for iron shutters can have it removed, and the shutters made to draw up in any part of the premises with the slightest exertion, without machinery, thereby avoiding the unpleasant use of oil.

INJUNCTION.

BUNNETT and CORPE'S Patent REVOLVING IRON SHUTTERS.—Since the verdict found in favour of the Patentees, in the Court of Exchequer, in the action tried by order of the Court of Chancery, that Court has granted a perpetual Injunction for restraining all infringements of the Patent, and therefore all parties are hereby cautioned against infringing the same.

THE PRICES ARE GREATLY REDUCED, and BUNNETT AND CORPE'S PATENT IRON SHUTTERS ARE THE CHEAPEST AS WELL AS THE BEST. They are made with convex laths, if required. The worm and wheel motion for raising and lowering revolving iron shutters as secured by this Patent is the only safe and durable mode of effecting that object. In large shutters it is indispensable.

Some thousands of Bunnett and Corpe's Shutters have now been put up, without a single complaint of their want of strength or security; and nine years' practical experience (during which they have adopted every real improvement) enables the Patentees to challenge comparison with any others. They will guarantee all Shutters put up by them to keep in order, and last twice as long as any with thin convex laths.

B. and C. also manufacture REVOLVING WOOD SHUTTERS the Patent for which has expired, at the same prices as other makers, but greatly superior, being fitted with their patent raising gear, and proper metallic hinges, without which no shutter can be safe or durable.

BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, MOULDINGS, &c., IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop fronts fitted with Iron Shutters, Patent Brass or Zinc Sashes, Plain or Ornamental, hand-rails, Moulded, Stall-board Plates, best Plate Glass, and Internal Brass Fittings of all kinds, superior in quality and workmanship, and lower in price than any other house. Contracts taken in Town or Country.

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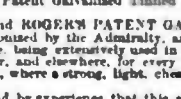
Office at No. 28, Lombard-street, London; Works, at Deptford, Kent.

Steam-engines, Sawing, Planing, and Moulding, Cutting-machines on Improved Plans, especially adapted for Builders' purposes, may be seen in operation at the Works.

PORTER'S CORRUGATED and PATENT GALVANIZED IRON ROOFING WORKS, Southwark-bridge-road, and the Grove, Southwark. At the above Works the Public are secure in having the superior make, and by the Patent process of Galvanizing Iron as first introduced into this Country, with many improvements in its application to Roofs, Buildings, &c. Every description of Building, Railway, and other Iron and Smith's work Manufactured of the best quality. Iron Fence and Hurdles as usual.—The Trade Supplied.

By Her Majesty's



Royal Letters Patent.

MOREWOOD and ROGER'S PATENT GALVANIZED TINNED METAL.—This article was at first sold under the name of Galvanized Tin Plates, but the Patentees finding that the public, in some instances, overlooked the word Tin, confounded the article with Galvanized Iron, and that the character of their metal has thereby sustained injury, are desirous of giving it a name so distinctive as to prevent such mistakes, and consequent disappointment to purchasers to future. They therefore respectfully request purchasers to inquire for MOREWOOD and ROGER'S PATENT GALVANIZED TINNED IRON. In order to enable the public readily and at first sight to distinguish between the two metals, it may be well to inform them, that Galvanized Iron has a plain, zinc-like appearance, while M. and R.'s Patent Galvanized Tinned Iron has a smooth crystalline surface.

MOREWOOD and ROGER'S PATENT GALVANIZED TINNED IRON, Patronized by the Admiralty, and the Honourable Board of Ordnance, being extensively used in her Majesty's Dock yards, at the Tower, and elsewhere, for every variety of Roofing, and other purposes, where a strong, light, cheap, and durable material is required.

It has been found by experience that this article is beyond all comparison superior to zinc; possessing, as it does, all the advantages arising from the strength and firmness of iron, combined with perfect immunity from rust; whilst it is free from the very serious objection which applies to zinc, viz. its contraction and expansion consequent upon every change of temperature, and from which circumstance leakage must of course result.

This material is not likely to be destroyed by fire, as is the case with zinc and lead, which melt and run down, thus freely admitting fresh air to the fire, and causing it to burn more fiercely. It is therefore obviously well adapted for all the purposes above named, and most importantly so, when there is the possibility of fire. It is also peculiarly suitable for chimney tops, gutters, spouting, and out-door work generally, possessing the strength of iron, without its liability to corrosion. It is by far the most economical metal roofing that can be obtained, in consequence of its strength, as it may be laid without boards, and upon the lightest rafters.

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